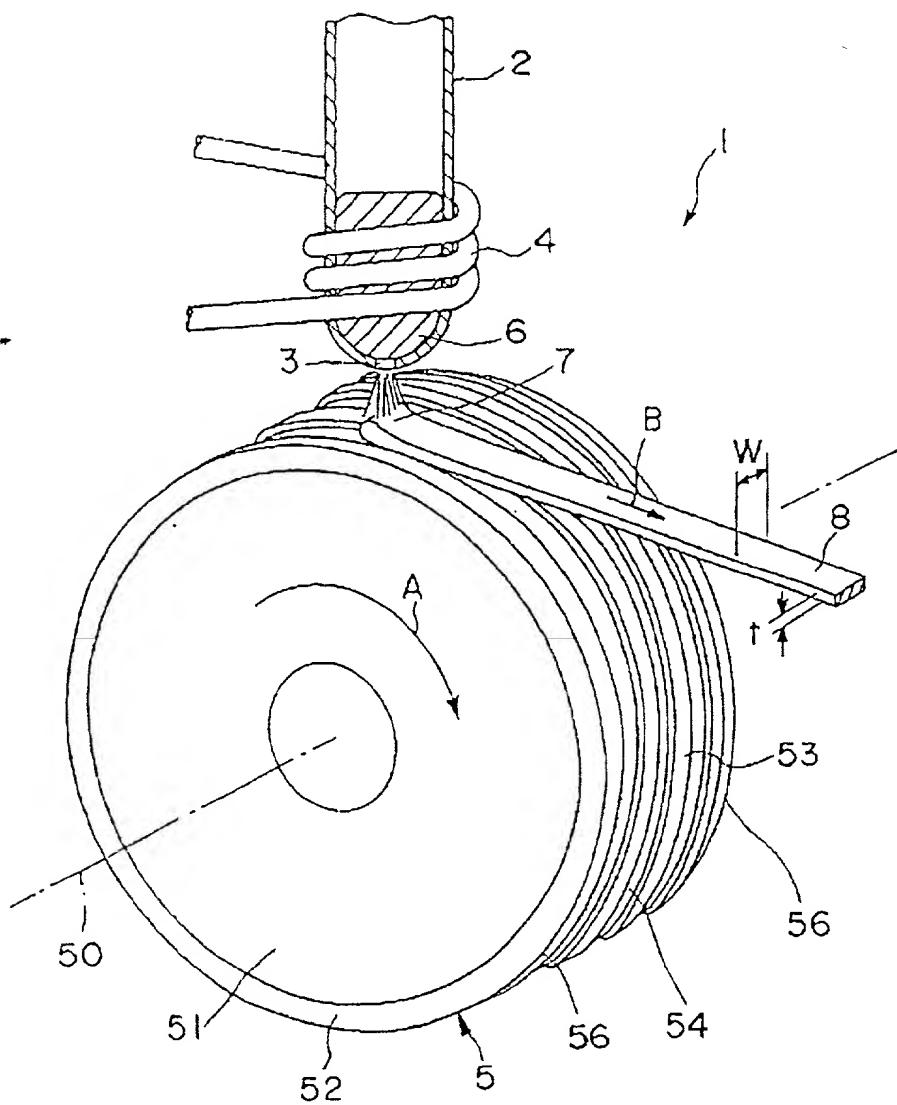


Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

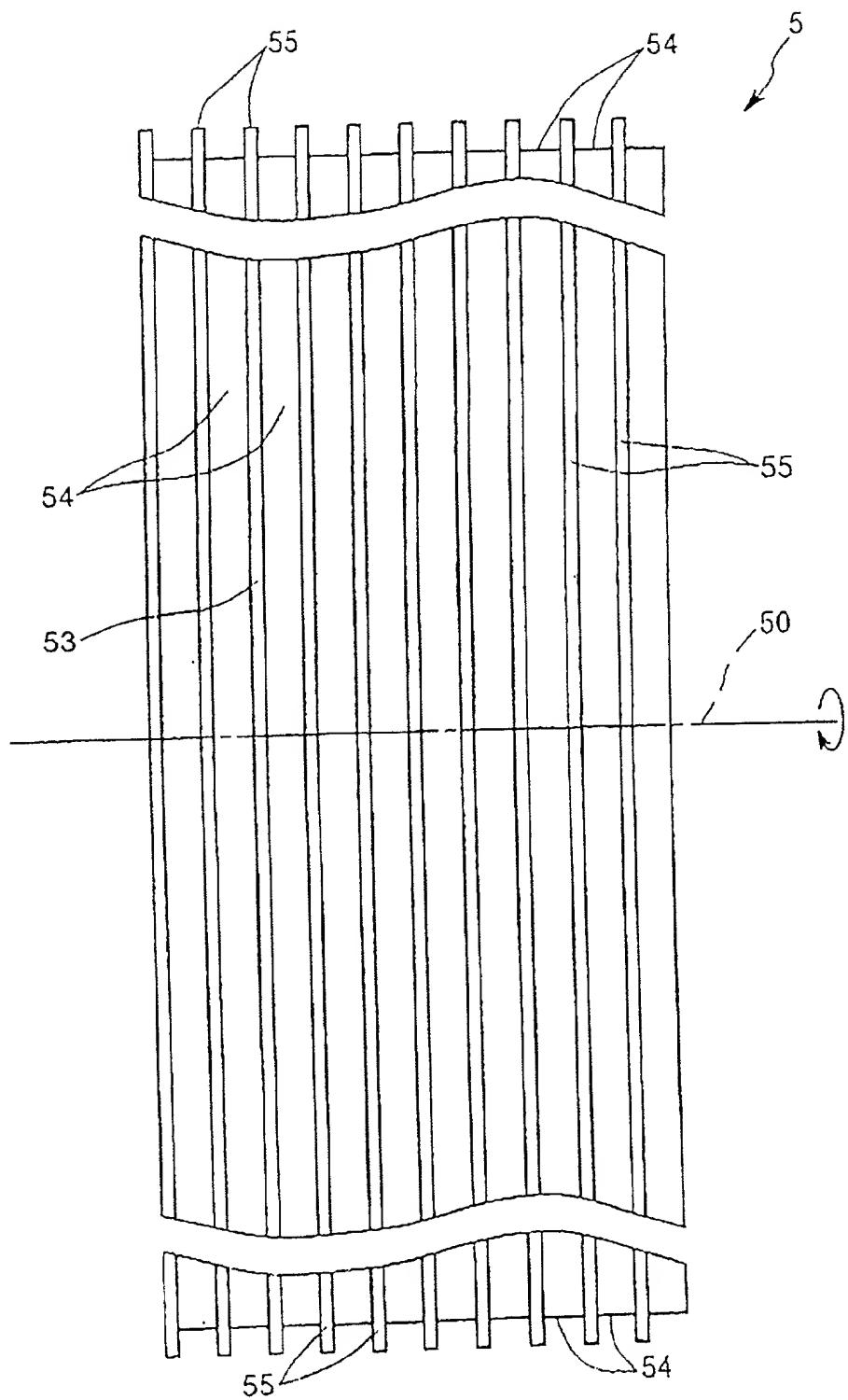
1/23

F i g . 1

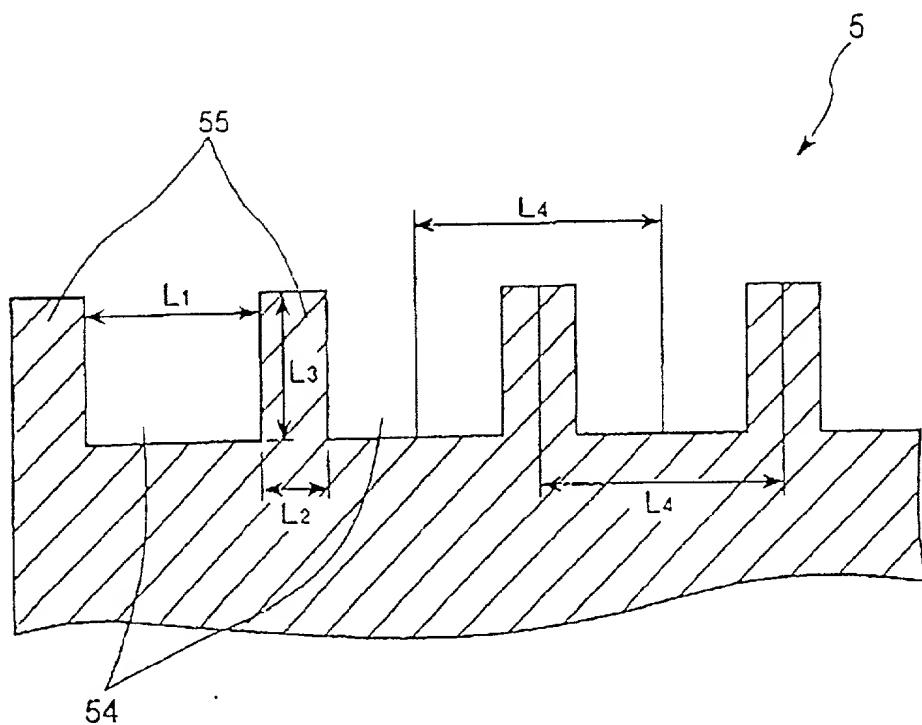


Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

2/23  
Fig. 2



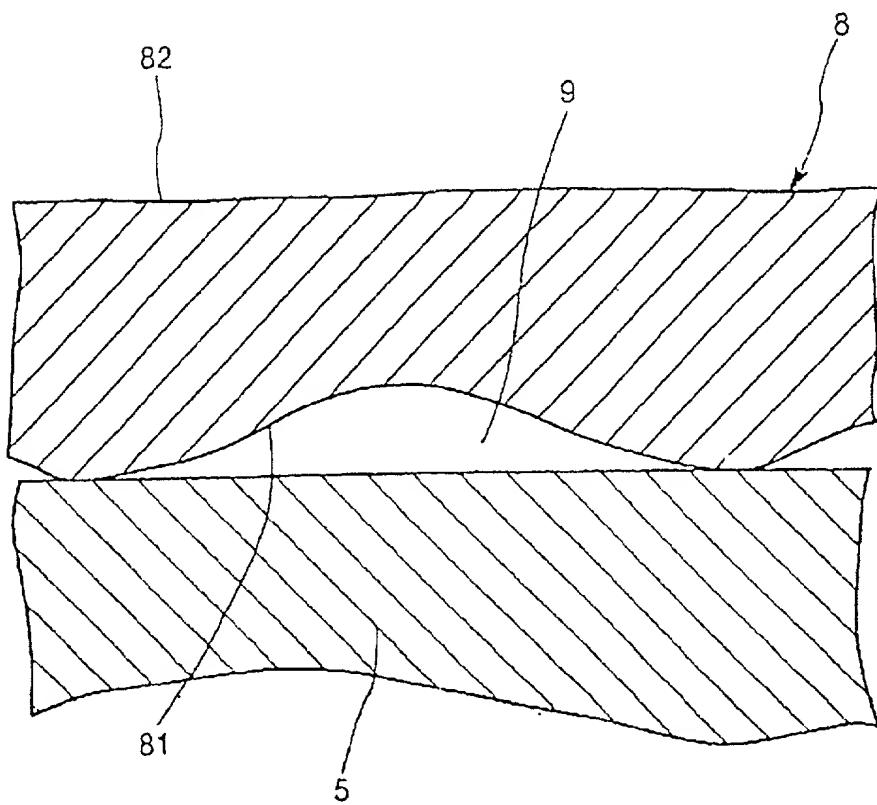
3/23



F i g . 3

Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

4/23

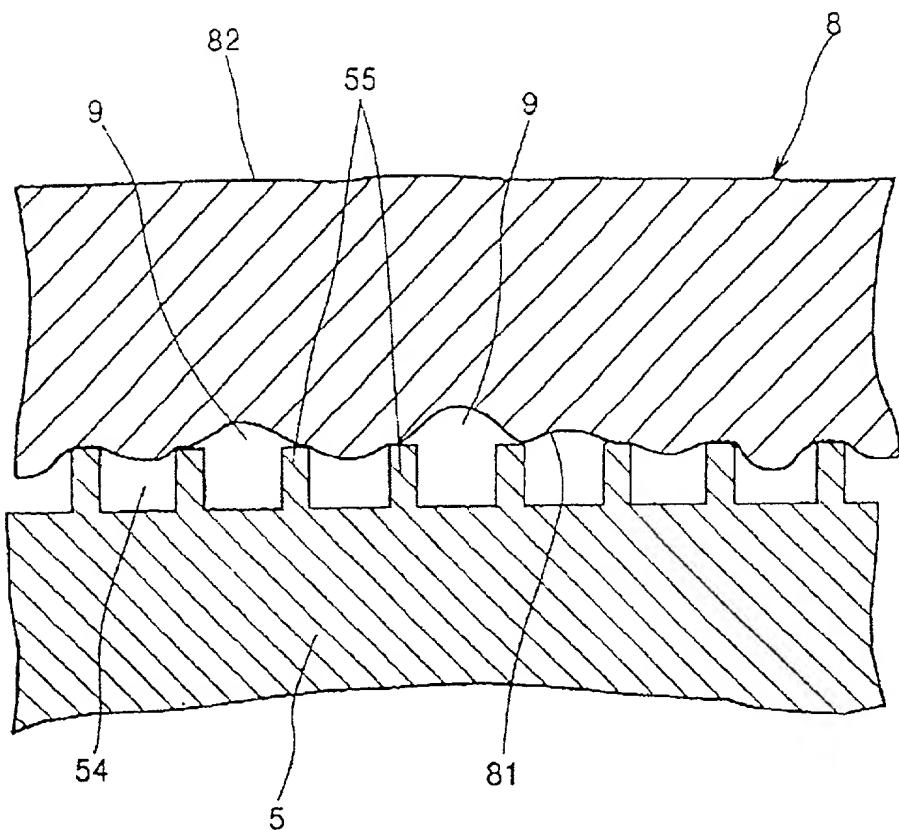


F i g . 4

PRIOR ART

Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

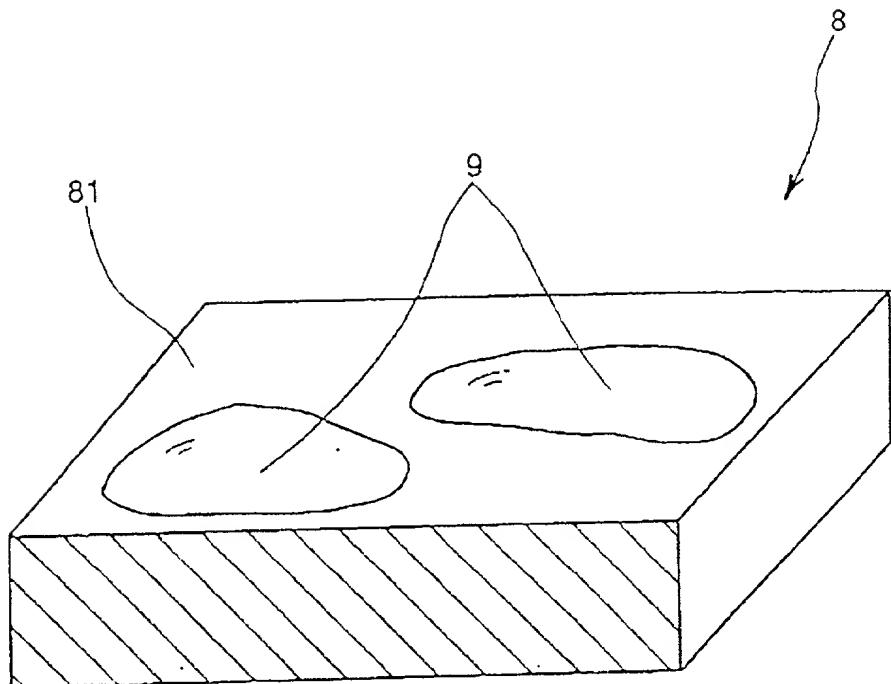
5/23



F i g . 5

Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

6/23

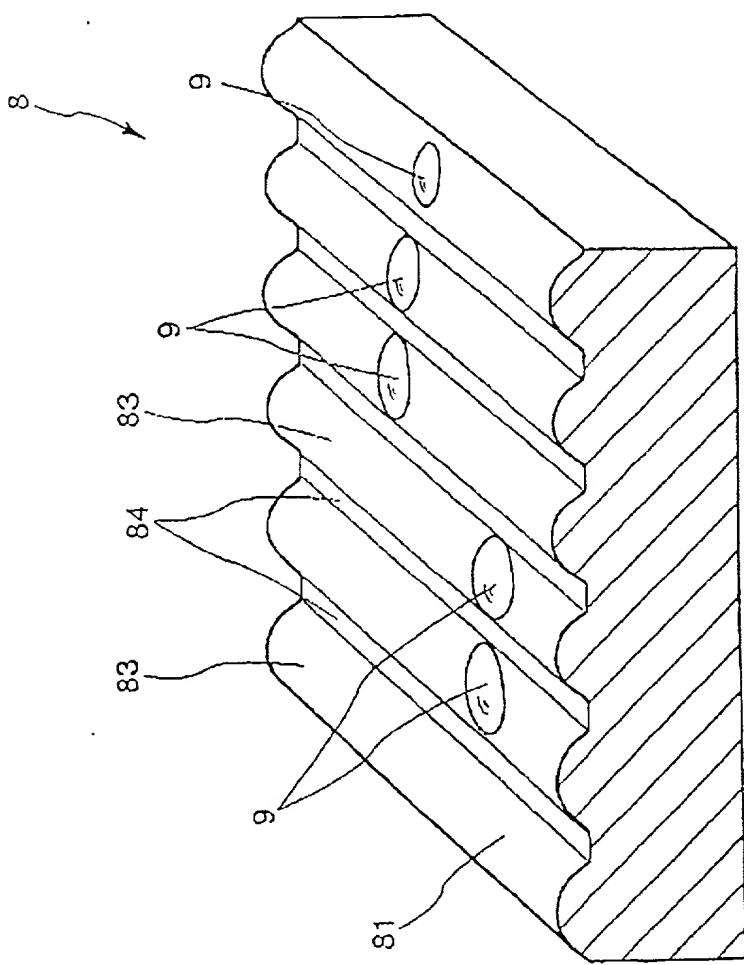


F i g . 6

PRIOR ART

Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

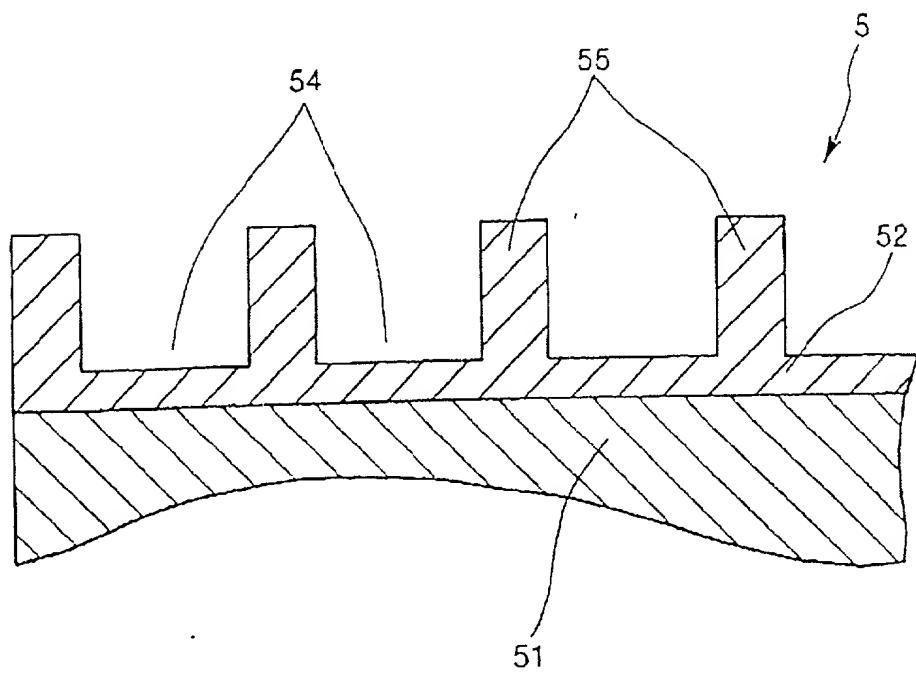
7/23



F i g . 7

Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

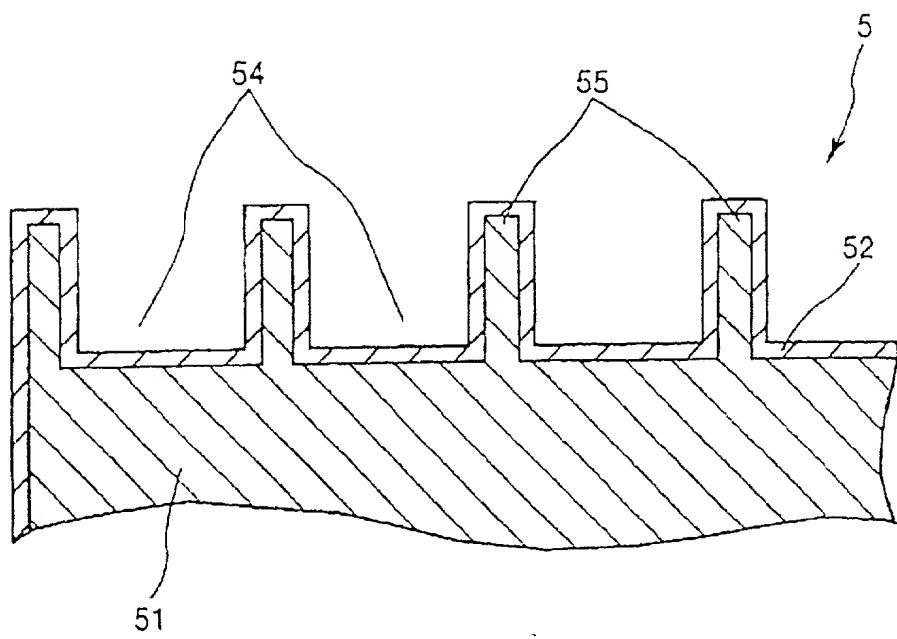
8/23



F i g . 8

Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

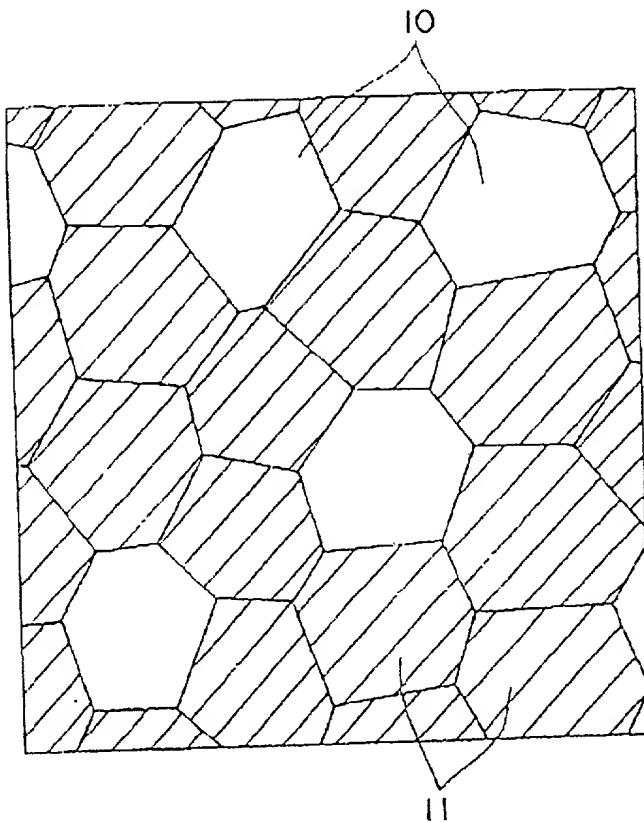
9/23



F i g . 9

Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

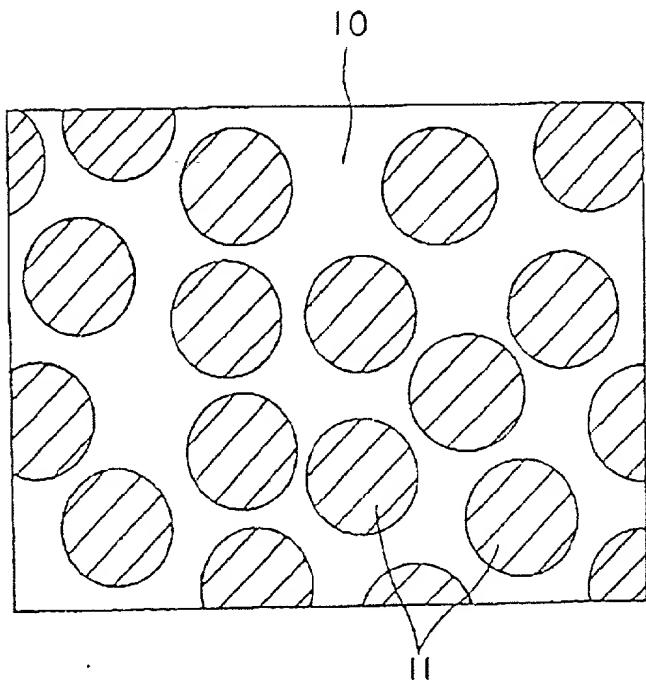
10/23



F i g . 1 0

Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

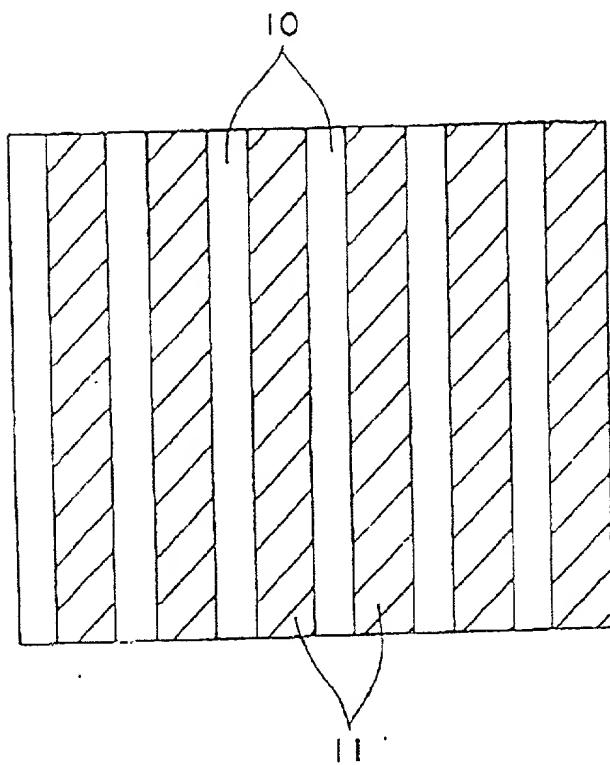
11/23



F i g . 1 1

Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

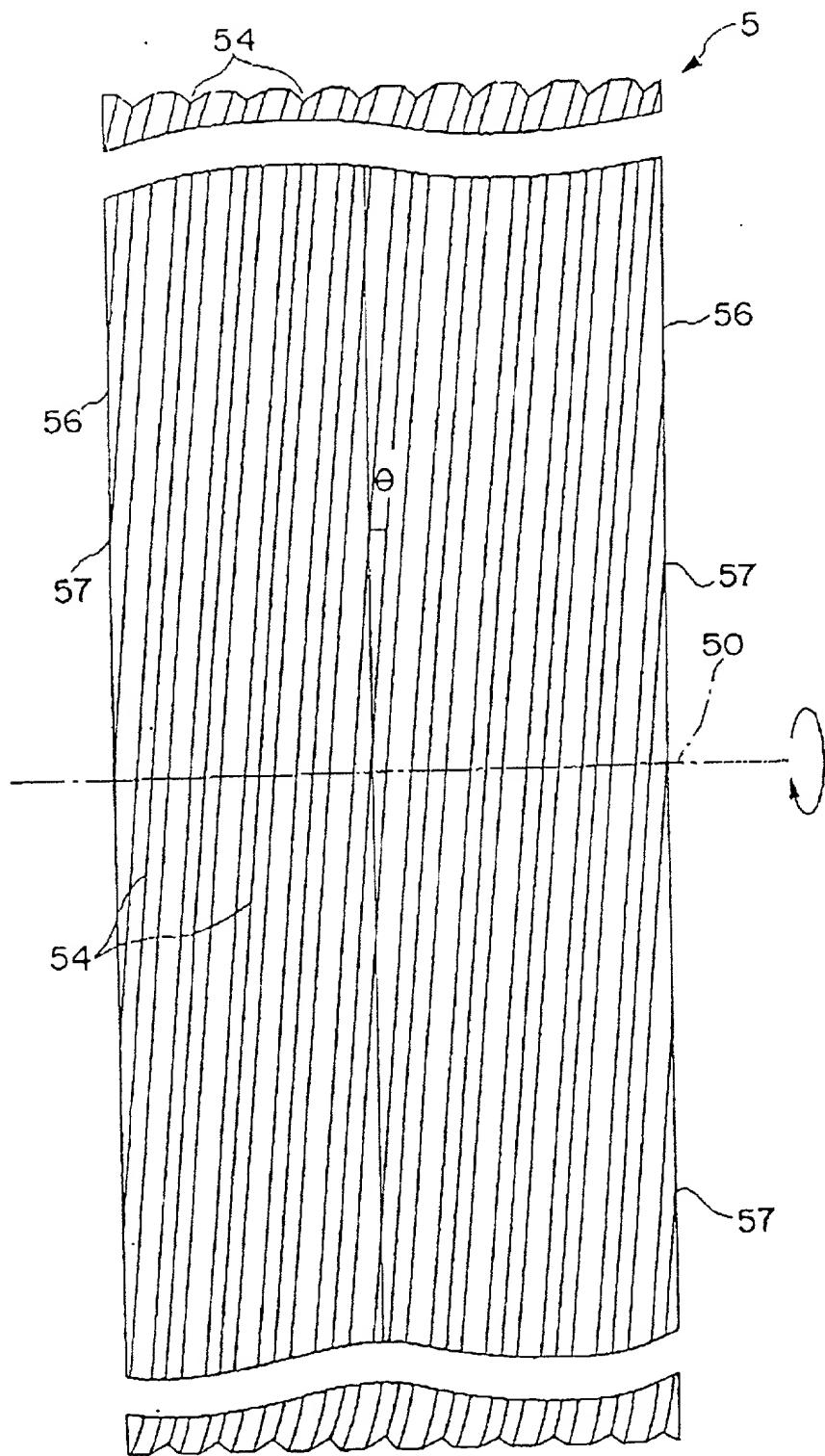
12/23



F i g . 1 2

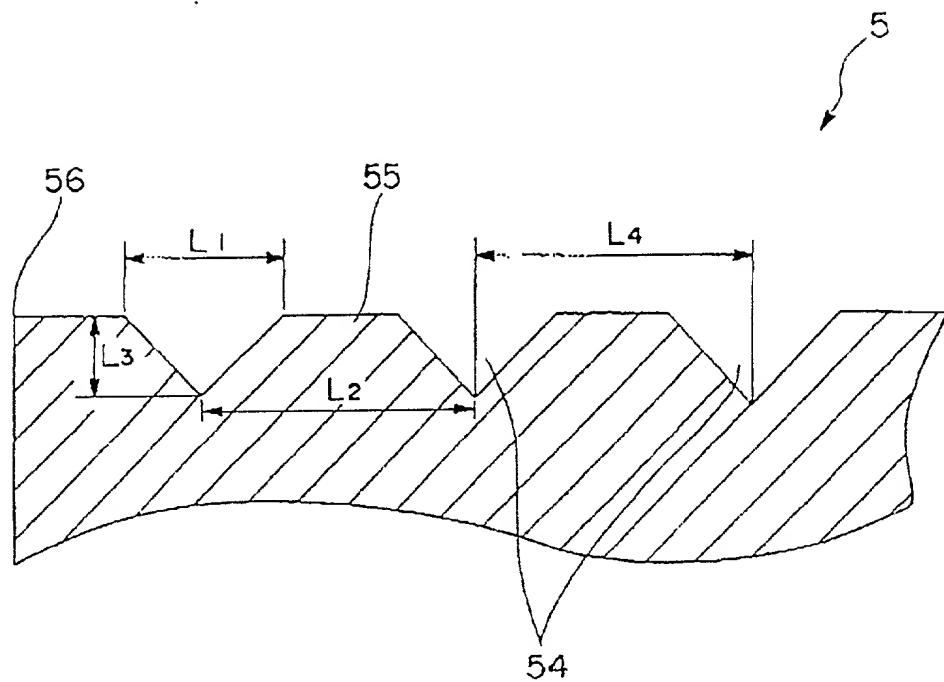
Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

13/23  
F i g. 13



Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

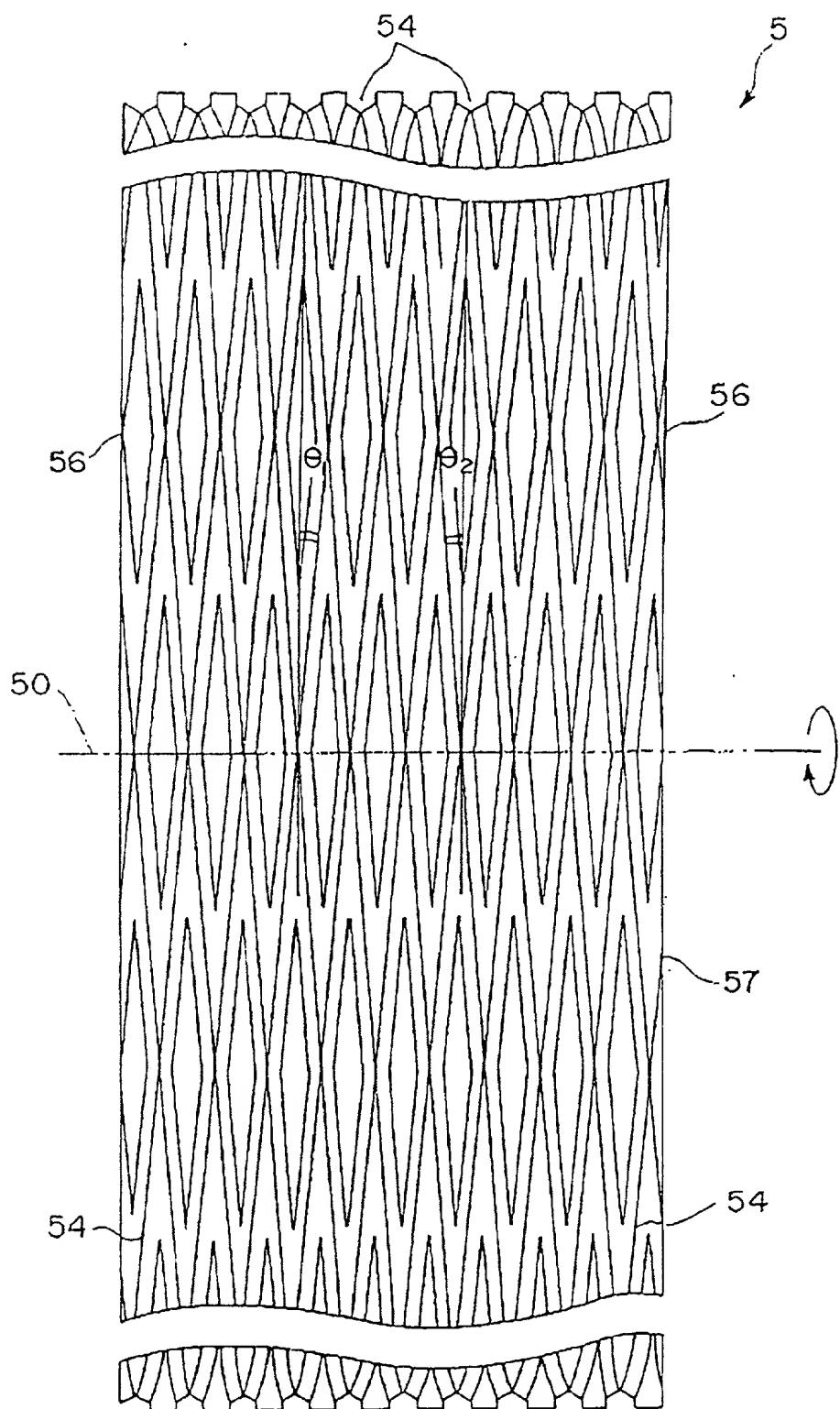
14/23



F i g . 1 4

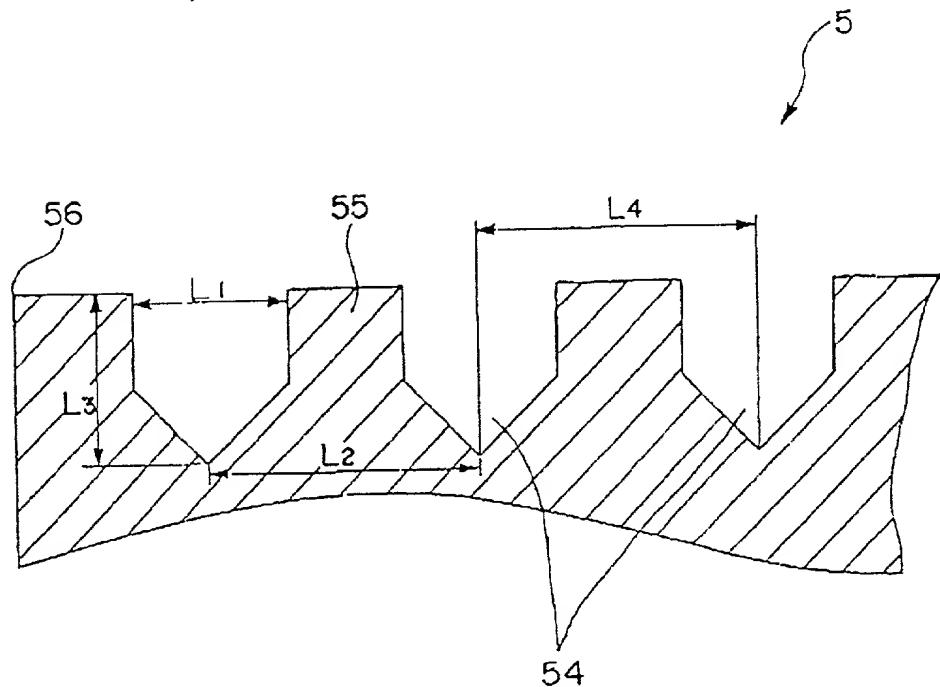
15/23

F i g . 1 5



Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

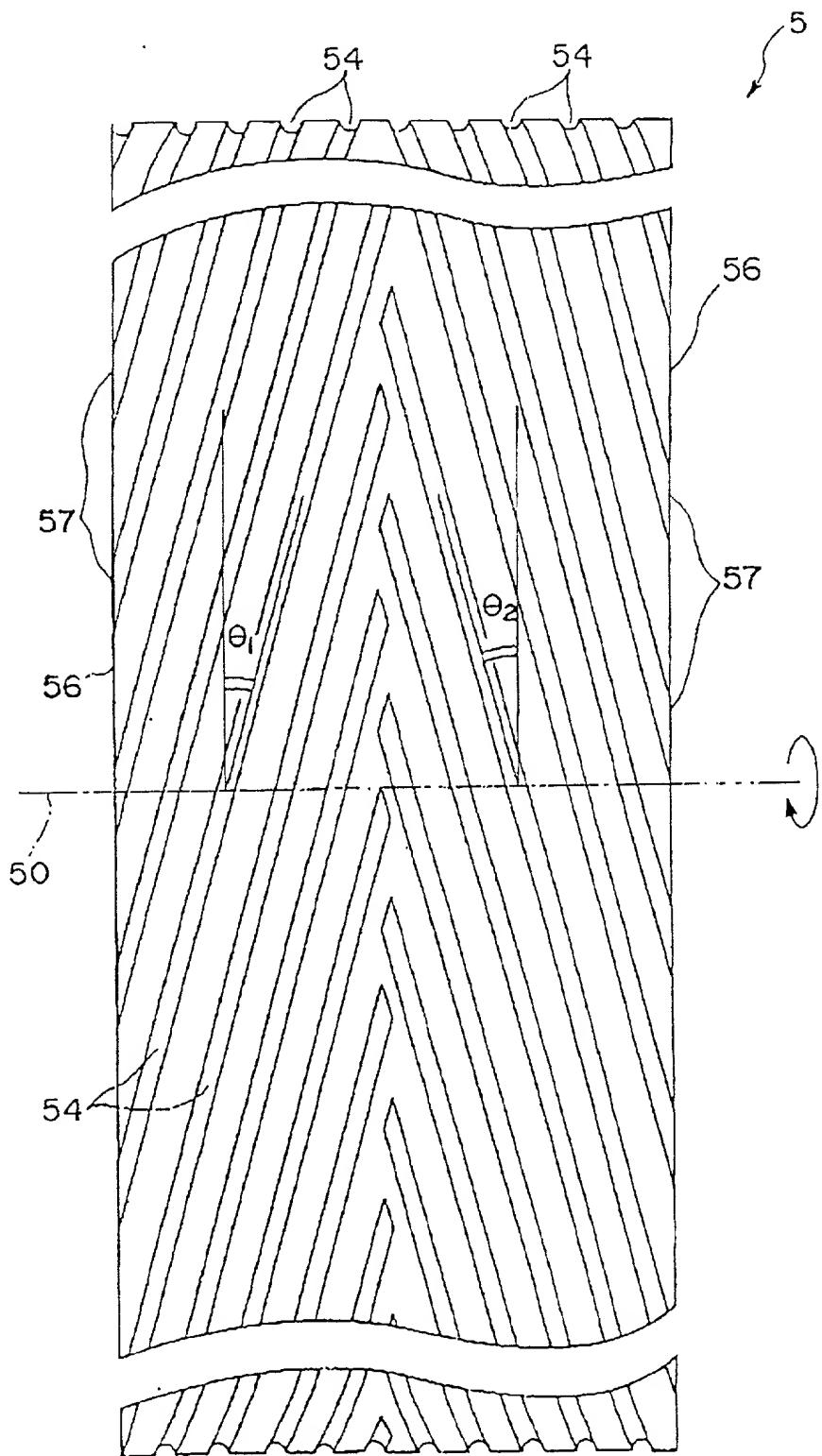
16/23



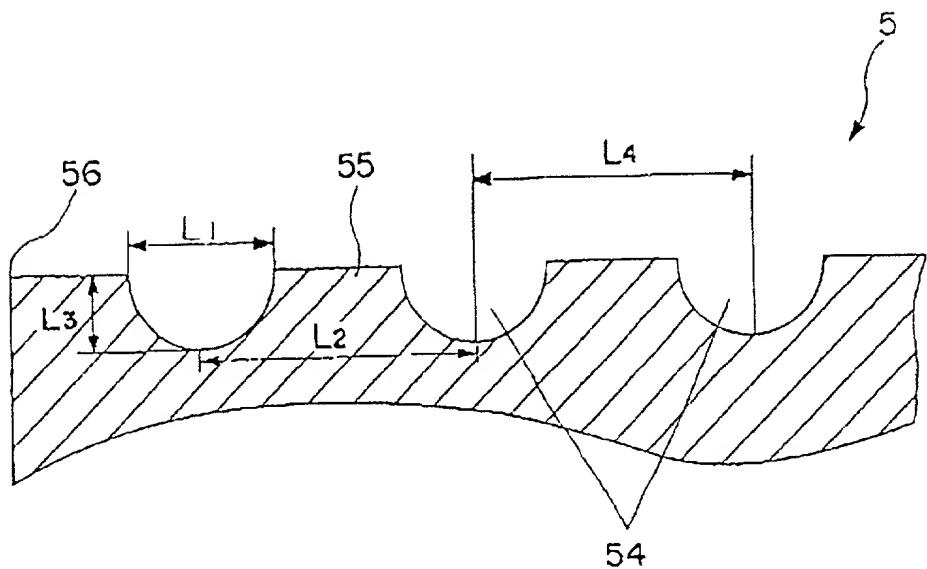
F i g . 1 6

Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

17/23  
Fig. 17



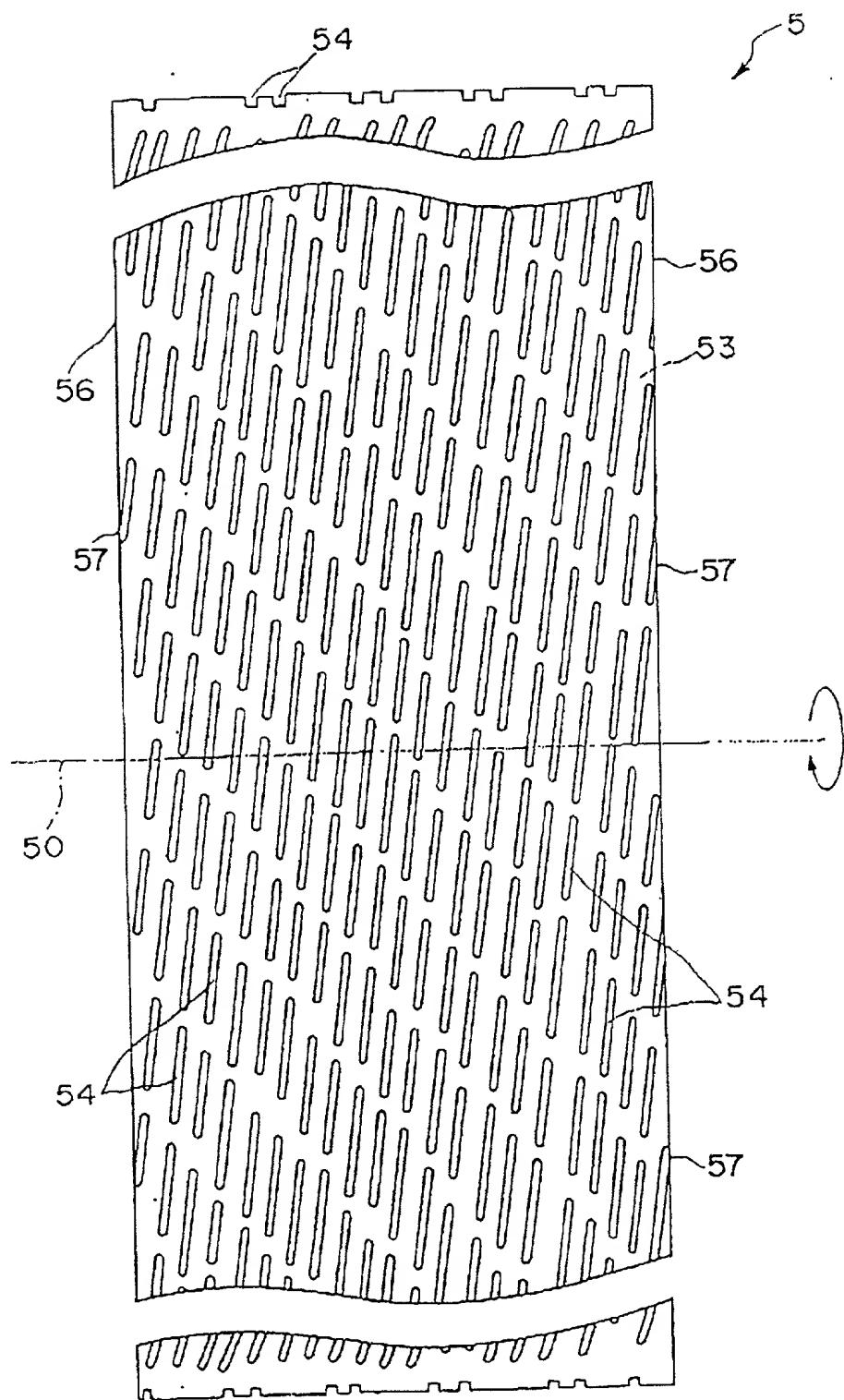
18/23



F i g . 1 8

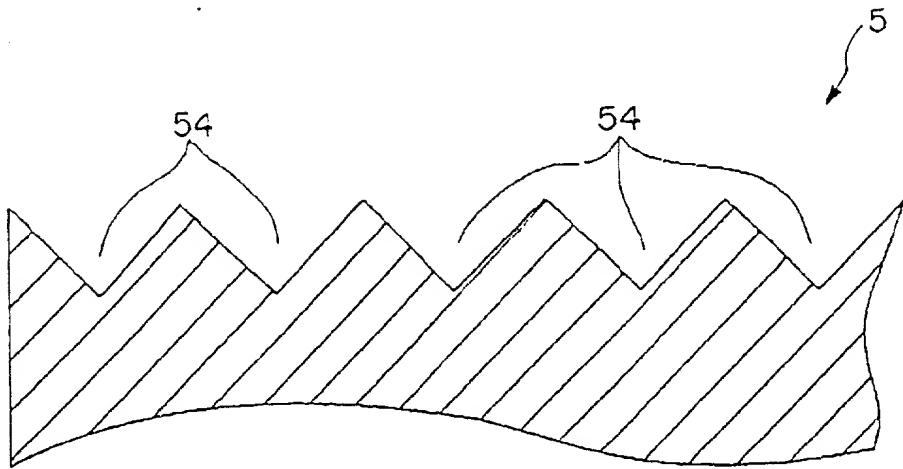
19/23

F i g. 19



Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

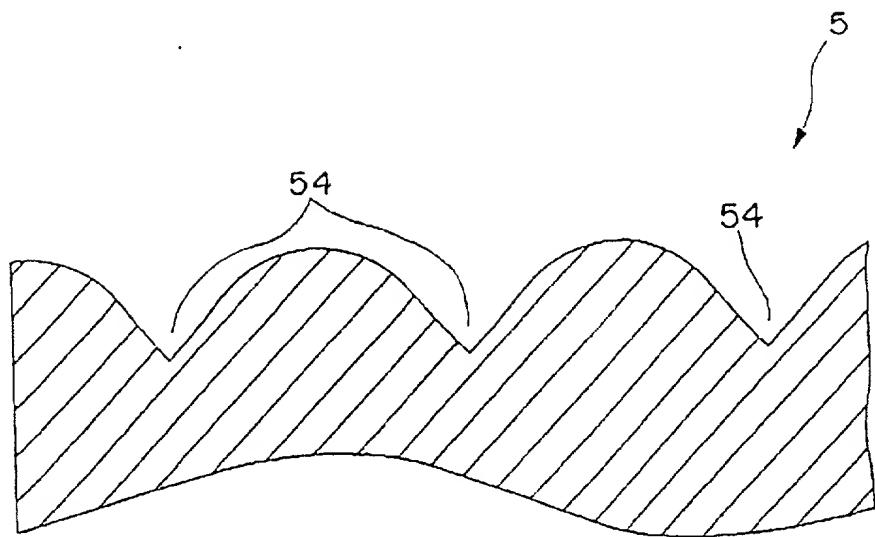
20/23



F i g . 2 0

Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

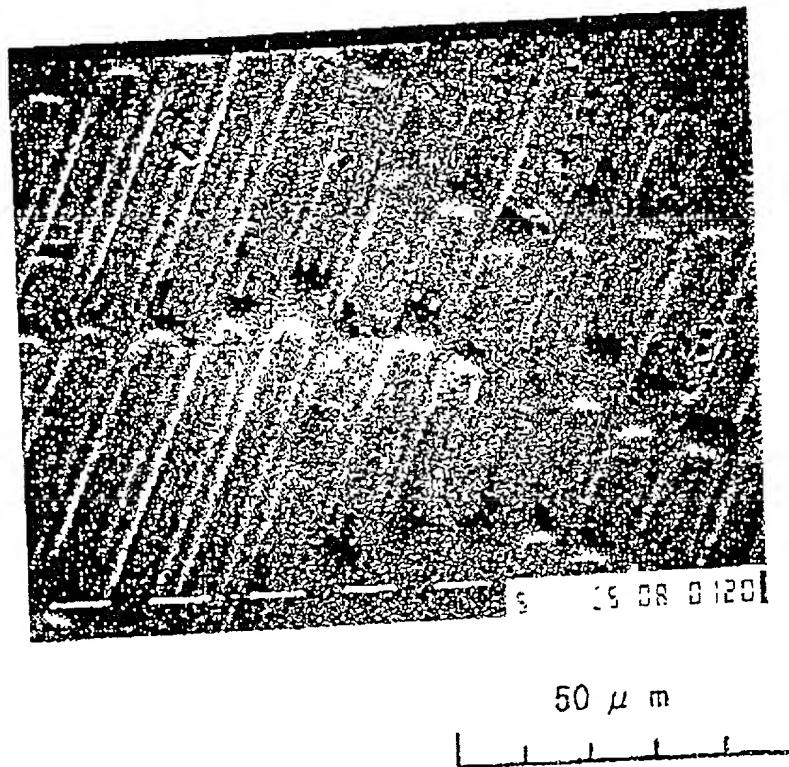
21/23



F i g . 2 1

Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

22/23

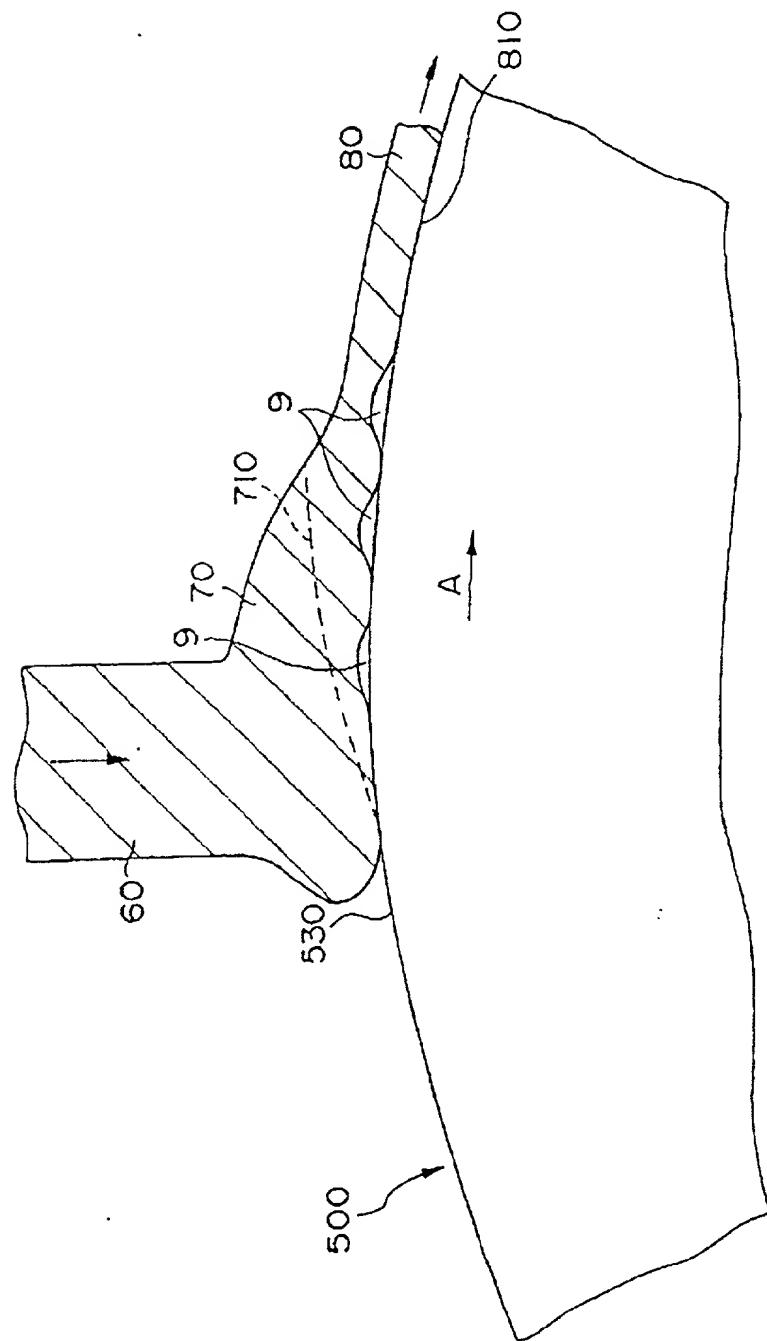


F i g . 2 2

Title: COOLING ROLL, RIBBON-SHAPED MAGNETIC MATERIALS, MAGNETIC POWDERS  
AND BONDED MAGNETS  
Inventors: Akira ARAI and Hiroshi KATO  
Atty. Ref. No.: 9319A-000220

23/23

F i g . 2 3



PRIOR ART